

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040619\
 Data File : VX008709.D
 Acq On : 06 Apr 2019 10:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:37:25 PM

Quant Time: Apr 08 03:02:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	219936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	351781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	315694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	157796	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	5.49	113	116742	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	8.71	98	477489	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.13	95	175614	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122668	48.454	ug/l	99
3) Chloromethane	1.32	50	158636	51.169	ug/l	100
4) Vinyl Chloride	1.40	62	160232	46.820	ug/l	99
5) Bromomethane	1.64	94	78136	46.485	ug/l	99
6) Chloroethane	1.71	64	95543	51.191	ug/l	100
7) Trichlorofluoromethane	1.92	101	184674	48.816	ug/l	99
8) Diethyl Ether	2.18	74	85185	47.482	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	116947	48.014	ug/l	97
10) Methyl Iodide	2.51	142	110955	50.017	ug/l	99
11) Tert butyl alcohol	3.06	59	175635	233.866	ug/l	100
12) 1,1-Dichloroethene	2.37	96	114630	45.083	ug/l	97
13) Acrolein	2.29	56	113913	305.897	ug/l	99
14) Allyl chloride	2.72	41	281081	48.289	ug/l	99
15) Acrylonitrile	3.14	53	464126	233.282	ug/l	99
16) Acetone	2.44	43	522001	282.521	ug/l	99
17) Carbon Disulfide	2.56	76	354085	48.198	ug/l	100
18) Methyl Acetate	2.77	43	205777	45.921	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	448721	49.416	ug/l	99
20) Methylene Chloride	2.85	84	142231	45.989	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	127747	46.448	ug/l	96
22) Diisopropyl ether	3.85	45	545819	48.651	ug/l	98
23) Vinyl Acetate	3.81	43	2430224	249.004	ug/l	99
24) 1,1-Dichloroethane	3.69	63	266721	48.018	ug/l	98
25) 2-Butanone	4.67	43	758027	259.574	ug/l	99
26) 2,2-Dichloropropane	4.58	77	201203	51.429	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	148528	46.972	ug/l	99
28) Bromochloromethane	5.01	49	140661	61.306	ug/l	100
29) Tetrahydrofuran	5.12	42	446873	230.555	ug/l	100
30) Chloroform	5.21	83	240701	48.517	ug/l	99
31) Cyclohexane	5.57	56	266757	48.129	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	199552	49.774	ug/l	100
36) 1,1-Dichloropropene	5.79	75	193690	50.370	ug/l	100
37) Ethyl Acetate	4.83	43	261805	51.007	ug/l	100
38) Carbon Tetrachloride	5.78	117	168112	52.822	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249805	52.588	ug/l	99
40) Benzene	6.13	78	578871	50.531	ug/l	99
41) Methacrylonitrile	5.04	41	148320	50.273	ug/l	99
42) 1,2-Dichloroethane	6.18	62	204280	49.741	ug/l	100
43) Isopropyl Acetate	6.44	43	422848	52.591	ug/l	99
44) Trichloroethene	7.21	130	136968	51.335	ug/l	96
45) 1,2-Dichloropropane	7.51	63	166016	50.774	ug/l	100
46) Dibromomethane	7.66	93	94173	49.659	ug/l	99
47) Bromodichloromethane	7.90	83	189669	53.045	ug/l	99
48) Methyl methacrylate	7.77	41	213171	52.412	ug/l	99
49) 1,4-Dioxane	7.74	88	74437	976.983	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1339463	258.789	ug/l	100
52) Toluene	8.78	92	351047	51.978	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	225182	56.221	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	245990	53.749	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	141473	52.185	ug/l	98
56) Ethyl methacrylate	9.18	69	267172	54.469	ug/l	99
57) 1,3-Dichloropropane	9.37	76	251808	51.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	652481	260.512	ug/l	99
59) 2-Hexanone	9.49	43	1063200	264.318	ug/l	100
60) Dibromochloromethane	9.58	129	141296	55.310	ug/l	99
61) 1,2-Dibromoethane	9.67	107	146946	52.067	ug/l	100
64) Tetrachloroethene	9.34	164	120728	51.616	ug/l	98
65) Chlorobenzene	10.13	112	362774	51.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	130033	52.966	ug/l	98
67) Ethyl Benzene	10.25	91	684793	52.479	ug/l	98
68) m/p-Xylenes	10.35	106	502473	107.097	ug/l	98
69) o-Xylene	10.69	106	240883	52.978	ug/l	99
70) Styrene	10.71	104	425797	54.327	ug/l	100
71) Bromoform	10.85	173	104204	55.575	ug/l #	100
73) Isopropylbenzene	11.02	105	646378	52.044	ug/l	100
74) N-amyl acetate	10.90	43	364946	49.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	224592	47.549	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	198689m	48.261	ug/l	
77) Bromobenzene	11.25	156	153487	51.407	ug/l	99
78) n-propylbenzene	11.36	91	767508	53.074	ug/l	100
79) 2-Chlorotoluene	11.42	91	445331	50.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	547961	52.560	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	81534	54.592	ug/l	99
82) 4-Chlorotoluene	11.51	91	519984	51.332	ug/l	99
83) tert-Butylbenzene	11.77	119	521406	51.985	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	556131	52.682	ug/l	99
85) sec-Butylbenzene	11.94	105	632154	53.061	ug/l	99
86) p-Isopropyltoluene	12.06	119	575689	53.837	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	272412	50.965	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	275108	50.828	ug/l	100
89) n-Butylbenzene	12.38	91	551111	54.956	ug/l	99
90) Hexachloroethane	12.60	117	96828	54.595	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	267185	50.345	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49823	47.950	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194989	52.843	ug/l	99
94) Hexachlorobutadiene	13.78	225	96841	54.724	ug/l	100
95) Naphthalene	13.83	128	628645	50.974	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	193756	52.555	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

